

10 TRAFFIC

10.1 General

Design-Build Contractor shall design and construct the pavement markings, signing, and lighting Work in accordance with the applicable requirements in the PPA Documents, including Project Standards, this Section 10 and its Attachment 10-1 (Unique Special Provisions: Traffic); Governmental Approvals; and applicable laws.

10.2 Technical Requirements

10.2.1 Pavement Markings

Extended warranty preformed plastic shall be used for longitudinal pavement markings. This includes edge lines, lane lines, dotted lines, broken lines, and longitudinal gore lines. Design and installation of high durability pavement markings shall be as set forth in INDOT Design Memorandum 15-19.

New snow-plowable raised pavement markers (RPMs) shall be designed and installed along I-65 mainline and all interchange ramps where existing RPMs are disturbed or do not currently exist, in accordance with the Indiana Design Manual and Standard Drawings. RPMs shall not be installed on bridge decks.

10.2.2 Signing

Design-Build Contractor shall develop the signing plans and provide signs in accordance with Project Standards.

Design-Build Contractor shall replace all existing regulatory, warning, and guide signs that are impacted by the widening of the mainline that do not meet current standards. All existing signs that are not impacted by the widening shall remain in existing condition.

Signs and sign structures that are impacted by the widening may be reset on new foundations if they meet current standards.

1. The appropriate standard highway font shall be used for all signs. All signs along the mainline freeway and associated ramps shall be “freeway” size.
2. Design-Build Contractor shall use INDOT standard sign structures and foundations where possible. All required special sign structures shall be designed per IDM Section 502-1.01(11) and 502-1.01(12).
3. Existing reference marker signs shall be removed and enhanced reference marker signs shall be placed every 0.2 miles south of existing mile marker 247.8 within the project limits for both the northbound and southbound directions of I-65 mainline. Existing enhanced reference marker signs north of and including mile 247.8 shall remain in place.
4. Design-Build Contractor shall coordinate with Indiana Business Logo for all existing Logo signs, in accordance with Attachment 10-1 (Unique Special Provisions: Traffic).
5. No signs or sign structures shall be mounted on the bridge overpass structures.

6. No signs shall be banded/installed to utility poles, lighting poles, or overhead or cantilever sign structure uprights.
7. Sign lighting for newly installed panel signs is not required.
8. All existing signage shall be evaluated for relevance. If a sign is determined to be no longer relevant, it shall be removed or replaced, as appropriate.
9. “Trucks Use Right Two Lanes” signs shall be installed in both directions between US 231 and south project termini wherever the median paved shoulder width will be 8 feet, in accordance with Indiana MUTCD. These signs shall be properly covered or not installed until all three travel lanes in each direction are open to traffic.

10.2.3 Lighting

Design-Build Contractor shall design, modify, and install lighting to meet current lighting level requirements. High-mast towers that are not impacted by construction may remain in place; however, interchange lighting levels shall meet Project Standards. Table 10-1 indicates the interchange lighting classifications.

Table 10-1 Interchange Lighting Classifications

Interchange	Lighting Classification
109th Avenue	Partial Interchange
US 231	Full Interchange
SR 2	Partial Interchange

If the existing lighting layouts do not meet current standards for the designated lighting classification, Design-Build Contractor shall maintain the existing lighting levels, and is not required to increase lighting levels to meet classification requirements.

Design-Build Contractor shall coordinate the heights of new or relocated high-mast structures with INDOT and the FAA to comply with FAA requirements. Design-Build Contractor shall apply for and obtain permits as necessary.

All existing light structures, such as high-mast towers, conventional light poles, and underpass lights that require relocation or replacement shall be removed with no outages. Design-Build Contractor shall maintain proper illumination levels at all times.

All existing light poles that are replaced and not relocated shall be salvaged and delivered to the INDOT Wanatah Maintenance Unit, 10621 US 30, Wanatah, IN.

10.3 Deliverables

Not used.